Course Number	PLAN 602	Classroom	Zoom
Course Name	Computer Modeling for Urban Design		
Pre/Co-Requisites			
Instructors	Tawab Hlimi Maria Galdon	**Office Hours/Location**	By appointment
	Emails: Tawab.Hlimi@ucalgary.ca Maria.Galdon@ucalgary.ca		
Class Dates	Mandatory real-time Zoom classes: Thursdays from 9:00am to 12:50pm		
Instructor Email Policy	All course communications must occur via your @ucalgary email		
Name and Email of Teaching Assistant(s)	Mitch Stykalo - Mitchell.Stykalo@ucalgary.ca Tina Dadgostar - Tina.Dadgostar@ucalgary.ca		

Course Description

Through a series of lectures, tutorials, assignments, and critiques, this course will introduce students to the representation of spatial and conceptual design ideas/thinking in the fields of planning and landscape architecture, primarily through the medium of digital drawing. The course will emphasize both established conventions of spatial representation such as standard drawing and graphic types and their conventional applications, and the continuously evolving repertoire of digital tools (software) through which drawings are produced today. Furthermore, the linkage to PLAN606 Site Planning Studio will highlight the critical connection between spatial representation and digital workflows, and design process, practice, and theory in landscape architecture and planning. Course assignments are coordinated with PLAN606 Site Planning Studio.

Course Hours: 3 units; (2-1Tutorial)

Online Delivery

The course will be delivered via Zoom with each class being comprised of three parts. The first part will be a lecture, the second a tutorial, and the third a Q&A session via breakout rooms on Zoom. The lecture will be made available as a PDF document on Desire2Learn (D2L), and the tutorial will also be uploaded to D2L as a video recording.

Course Learning Outcomes

Upon completion of this course, students will:

1. Be familiar with design drawing types and their respective capabilities in design communication.
2. Be aware of the capabilities of various software in design communication, standard workflows across software, and the correlations between digital workflows and design processes.
3. Develop a sensibility in effectively communicating design ideas through design drawings.
4. Understand that design drawings are fundamentally a medium of visual communication and instruction.

Learning Resources

Recommended readings, textbooks and learning materials:
- Ching, Francis D. K., and Steven P. Juroszek. *Design Drawing*. John Wiley & Sons, 2010. (e-book at TFDL)
- Jacobs, Allan. *Great Streets*. Cambridge, MA. MIT Press, 1995.
- Jacobs, Allan B., et al. *The Boulevard Book : History, Evolution, Design of Multiway Boulevards*. 2002.
- Lynch, Kevin, and Joint Center for Urban Studies. *The Image of the City*. MIT Press, 1960.
- Sullivan, Chip. *Drawing the Landscape*. John Wiley & Sons, 2014.

Technology requirements (D2L etc.):
In order to successfully engage in their learning experiences at the University of Calgary, students taking online, remote and blended courses are required to have reliable access to the following technology:
- A computer with a supported operating system, as well as the latest security, and malware updates;
- Webcam (built-in or external);
- Microphone and speaker (built-in or external), or headset with microphone;
- Broadband internet connection

Additional Classroom Conduct and Related Information

Guidelines for Zoom Sessions in Online Classes
Students are expected to participate actively in all Zoom class sessions and to turn on their webcam. Please join our class in a quiet space that will allow you to be fully present and engaged in the Zoom sessions. Students must behave in a professional manner during the session. Students, employees, and academic staff are also expected to demonstrate behaviour in class that promotes and maintains a positive and productive learning environment.

Assessment Components

Assessment Method	Description	Weight	Aligned Course Learning Outcome
Progress and Review	Assignment 1	35%	1,2,3,4
Progress and Review	Assignment 2	25%	1,2,3,4
Progress and Review	Assignment 3	40%	1,2,3,4

Assessment and Evaluation Information

The course evaluation will be based on the assignments completed during the term. While the final product is important, equally important is the student's consistent and productive engagement in the design process, assessed through engagement through attendance and participation in lectures,

tutorials, work sessions, and critiques/reviews. Late presentation of work on scheduled Zoom classes and/or late submission of work on D2L is not acceptable and will be subject to a deduction of one letter grade per late day. For example an A will be downgraded to an A-. Although work completed in a group or pair shall normally receive a common grade, the instructor reserves the right to evaluate students individually, if it appears that the work has been distributed unequally. Each component of the course must be completed and a passing grade of B- must be achieved on all assignments worth 20% or more in order to pass the course as a whole. There will be no final examination.

Evaluation Breakdown
   Project 1: Plan, Section, and Elevation Projections - 35%
   Project 2: Isometric and Oblique Projections - 25%
   Project 3: Perspective Projections - 40%

Attendance and Participation Expectations:
Students are expected to be in attendance for the entirety of all lectures, assignment presentations and reviews.

Expectations for Writing (https://www.ucalgary.ca/pubs/calendar/current/e-2.html)

Grading Scale

Grade	Grade Point Value	4-Point Range	Percent	Description
A+	4.00	4.00	95-100	Outstanding - evaluated by instructor
A	4.00	3.85-4.00	90-94.99	Excellent - superior performance showing comprehensive understanding of the subject matter
A-	3.70	3.50-3.84	85-89.99	Very good performance
B+	3.30	3.15-3.49	80-84.99	Good performance
B	3.00	2.85-3.14	75-79.99	Satisfactory performance
B-	2.70	2.50-2.84	70-74.99	Minimum pass for students in the Faculty of Graduate Studies
C+	2.30	2.15-2.49	65-69.99	All final grades below B- are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements.
C	2.00	1.85-2.14	60-64.99	
C-	1.70	1.50-1.84	55-59.99	
D+	1.30	1.15-1.49	50-54.99	

D	1.00	0.50-1.14	45-49.99	
F	0.00	0-0.49	0-44.99	

A student who receives a "C⁺" or lower in any one course will be required to withdraw regardless of their grade point average (GPA) unless the program recommends otherwise. If the program permits the student to retake a failed course, the second grade will replace the initial grade in the calculation of the GPA, and both grades will appear on the transcript.

Topic Areas & Detailed Class Schedule				
Course Schedule Date	Topic *L: Lecture* *T: Tutorial* *R: Review*	Assignments/Due Dates/Notes *A: Assignment*	Instructor	Room
Sept. 10	**Course Intro.** **L1: Singleview Drawings – Plan, Section, Elevation** **T1:** AutoCAD 1	**A1 Intro.**	L: TH T: MS/MG	PF2170
Sept. 17	**L2: Diagrams** **T2:** AutoCAD 2 and Illustrator 1 **T3:** Photoshop 1 **R:** Review of Plan, Section, Elevation Drawings		L: TH T: MS T: MG	PF2165
Sept. 24	**L3: Layout** **T4:** InDesign 1 **R:** Review of Diagrams		L: MG T: MS/TD	PF2170
Oct. 1	**R:** A1 Review	**A1 Due Oct. 1** **A2 Intro.**	L: MG T: MS	PF2170
Oct. 8	**SAPL Block Week – No Classes**			
Oct. 15	**L4: Multiview Drawings: Isometric and Oblique** **T5:** AutoCAD 3 **T6:** Rhino 1		L: TH T: MS T: TD	PF2165 PF2170
Oct. 22	**L5: Model: Physical and Digital** **T7:** SketchUP1		L: MG T: MG	PF2170
Oct. 29	**L6: Perspective Drawing: 1-Point, 2-Point and Bird-Eye Views** **T8:** Rhino 2 **R2:** A2 Review	**A2 Due Oct. 29** **A3 Intro.**	L: TH T: TD	PF2170
Nov. 5	**L7: Photomontage** **T9:** Photoshop 2		L: TH T: TD	PF2165

Nov. 12	**Term Break – No Classes**			
Nov. 19	**T10:** SketchUp/Rhino and Lumion Interface **R:** Perspective Drawings Review		L: MG T: TD	PF2170
Nov. 26	**L8: Presentation Drawing T11: Q&A**		L: TH	PF2165
Dec. 3	**R: A3 Review**	**A3 Due Dec. 3**		PF2165

Guidelines for Zoom Sessions

If video conferencing tools such as Zoom or MS Teams will be used during course activities, provide information related to student learning and conduct, and indicate whether these sessions will be recorded.

For example:

Zoom is a video conferencing program that will allow us to meet at specific times for a "live" video conference, so that we can have the opportunity to meet each other virtually and discuss relevant course topics as a learning community.

To help ensure Zoom sessions are private, do not share the Zoom link or password with others, or on any social media platforms. Zoom links and passwords are only intended for students registered in the course. Zoom recordings and materials presented in Zoom, including any teaching materials, must not be shared, distributed or published without the instructor's permission.

The use of video conferencing programs relies on participants to act ethically, honestly and with integrity; and in accordance with the principles of fairness, good faith, and respect (as per the Code of Conduct). When entering Zoom or other video conferencing sessions (such as MS Teams), you play a role in helping create an effective, safe and respectful learning environment. Please be mindful of how your behaviour in these sessions may affect others. Participants are required to use names officially associated with their UCID (legal or preferred names listed in the Student Centre) when engaging in these activities. Instructors/moderators can remove those whose names do not appear on class rosters. Non-compliance may be investigated under relevant University of Calgary conduct policies (e.g Student Non-Academic Misconduct Policy). If participants have difficulties complying with this requirement, they should email the instructor of the class explaining why, so the instructor may consider whether to grant an exception, and on what terms. For more information on how to get the most out of your zoom sessions visit: https://elearn.ucalgary.ca/guidelines-for-zoom/

If you are unable to attend a Zoom session, please contact your instructor in advance to arrange an alternative activity for the missed session (e.g., to review the recorded session). Please be prepared, as best as you are able, to join class in a quiet space that will allow you to

be fully present and engaged in Zoom sessions. Students will be advised by their instructor when they are expected to turn on their webcam (for group work, presentations, etc.).

The instructor may record online Zoom class sessions for the purposes of supporting student learning in this class – such as making the recording available for review of the session or for students who miss a session. Students will be advised before the instructor initiates a recording of a Zoom session. These recordings will be used to support student learning only and will not be shared or used for any other purpose.

Special Budgetary Requirements

Special budgetary requirements are limited to the optional purchase of course readings and, in specific courses, mandatory supplementary fees to cover certain expenditures, such as field trips. Mandatory supplementary fees must be approved by the University prior to implementation. Instructors are required to list and describe approved optional and mandatory supplementary fees for courses. This can include possible costs incurred for special materials, equipment, services, or travel.

Optional:
For certain courses students may be given the option of purchasing course readings. In these cases the cost of the reading package should be stated in the course outline. When course readings are available for purchase, a minimum of two copies of the readings must be made available at the SAPL Reception or online.

University of Calgary Policies and Supports

COVID-19 PROCEDURE FOR SICK STUDENTS: https://ucalgary.ca/risk/sites/default/files/Covid-19%20Folder/COVID-19-Procedure-for-Sick-Students.pdf

ACADEMIC ACCOMMODATION
It is the student's responsibility to request academic accommodations according to the University policies and procedures listed below. The Student Accommodations policy is available at https://ucalgary.ca/student-services/access/prospective-students/academic-accommodations.
Students needing an accommodation based on disability or medical concerns should contact Student Accessibility Services (SAS) in accordance with the Procedure for Accommodations for Students with Disabilities (https://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities.pdf). Students who require an accommodation in relation to their coursework based on a protected ground other than Disability should communicate this need in writing to their Instructor.

SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/ .

ACADEMIC MISCONDUCT
Academic Misconduct refers to student behavior which compromises proper assessment of a student's academic activities and includes: cheating; fabrication; falsification; plagiarism; unauthorized assistance; failure to comply with an instructor's expectations regarding conduct required of students completing academic assessments in their courses; and failure to comply with exam regulations applied by the Registrar.

For information on the Student Academic Misconduct Policy and Procedure please visit:
https://ucalgary.ca/policies/files/policies/student-academic-misconduct-policy.pdf
https://ucalgary.ca/policies/files/policies/student-academic-misconduct-procedure.pdf
Additional information is available on the Academic Integrity Website at https://ucalgary.ca/student-services/student-success/learning/academic-integrity.

COPYRIGHT LEGISLATION:
All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf) and requirements of the copyright act (https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy (https://www.ucalgary.ca/pubs/calendar/current/k.html).

INSTRUCTOR INTELLECTUAL PROPERTY
Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed or copied without the explicit consent of the instructor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY
Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary.

SEXUAL VIOLENCE POLICY
The University recognizes that all members of the University Community should be able to learn, work, teach and live in an environment where they are free from harassment, discrimination, and violence. The University of Calgary's sexual violence policy guides us in how we respond to incidents of sexual violence, including supports available to those who

have experienced or witnessed sexual violence, or those who are alleged to have committed sexual violence. It provides clear response procedures and timelines, defines complex concepts, and addresses incidents that occur off-campus in certain circumstances. Please see the policy available at https://www.ucalgary.ca/policies/files/policies/sexual-violence-policy.pdf

UNIVERSITY STUDENT APPEALS OFFICE: If a student has a concern about the course, academic matter, or a grade that they have been assigned, they must first communicate this concern with the instructor. If the concern cannot be resolved with the instructor, the student can proceed with an academic appeal, which normally begins with the Faculty. https://www.ucalgary.ca/secretariat/student-appeals

OTHER IMPORTANT INFORMATION
Please visit the Registrar's website at:
https://www.ucalgary.ca/registrar/registration/course-outlines for additional important information on the following:
- Wellness and Mental Health Resources
- Student Success
- Student Ombuds Office
- Student Union (SU) Information
- Graduate Students' Association (GSA) Information
- Emergency Evacuation/Assembly Points
- Safewalk